

SERVICE MANUAL

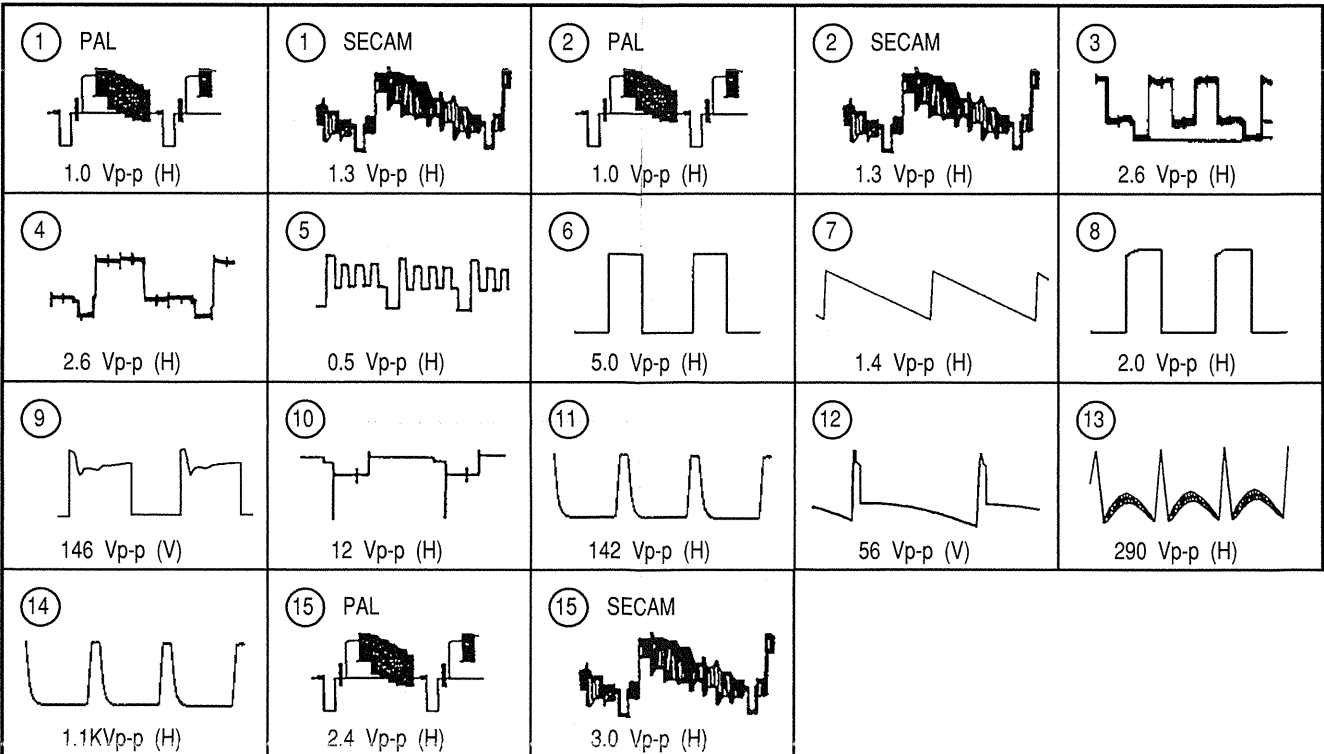
FE-1 CHASSIS

<i>MODEL</i>	<i>COMMANDER</i>	<i>DEST</i>	<i>CHASSIS NO.</i>	<i>MODEL</i>	<i>COMMANDER</i>	<i>DEST</i>	<i>CHASSIS NO.</i>
KV-25R2A	RM-883	Italian	SCC-Q06J-A	KV-25R2K	RM-883	OIRT	SCC-Q03Q-A
KV-25R2D	RM-883	AEP	SCC-Q04J-A	KV-25R2R	RM-883	OIRT	SCC-Q03P-A
KV-25R2E	RM-883	Spanish	SCC-Q05J-A				



TRINITRON® COLOR TV
SONY®





A BOARD * MARK

Ref	25R2A	25R2D	25R2E	25R2K	25R2R
C606	220MF 400V	220MF 400V	220MF 400V	220MF 450V	220MF 450V
C638	10MF 400V	10MF 400V	10MF 400V	10MF 400V	10MF 450V
IC001	SAA5497PS/ M1A/076	SAA5497PS/ M1A/076	SAA5497PS/ M1A/074	SAA5497PS/ M1A/074	SAA5497PS/ M1A/075
R116	-	-	47K	47K	-

A POWER SUPPLY,
DEFLECTION, TUNING, PROCESSOR
VIDEO SIGNAL PROCESSOR, AV IN/OUT
REMOTE RECEIVER

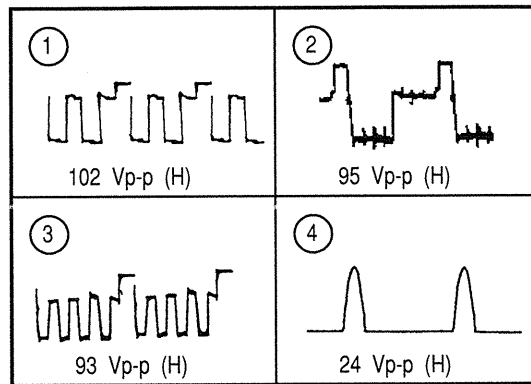
S1 BOARD IC VOLTAGE TABLE

IC Voltage Table		
Ref No	Pin No	Voltage (V)
IC1101	4	3.4
	5	3.2
	7	4.8
	8	2.3
	9	4.8
	10-12	2.3
	13	4.8
	15	4.8
	16	4.8
	17	2.6
	18	3.5
	19	4.0
	33-34	2.4
	36-37	2.4
	38-39	4.8
	41-42	2.4
	44-48	2.4
	53-55	2.4
	59	4.8
IC1102	60-61	2.4
	64	4.8
	1	4.5
	2	4.1
	3	4.5
	6	4.3
	7	3.5
	8	9.0

S1 BOARD * MARK

Ref	25R2A	25R2D	25R2E	25R2K	25R2R
C1127	33PF	33PF	22PF	22PF	33PF
C1129	-	-	0.033MF	0.033MF	-
C1130	-	-	0.033MF	0.033MF	-
C1131	0.47MF	0.47MF	-	-	0.47MF
D1101	SHORT 0	SHORT 0	BB135	BB135	SHORT 0
IC1101	TDA9870	TDA9870	TDA9875P	TDA9875P	TDA9870
L1101	-	-	2.7UH	2.7UH	-
R1116	SHORT 0	SHORT 0	39K	39K	SHORT 0
R1117	-	-	10K	10K	-
R1118	-	-	20K	20K	-
R1164	-	-	10K	10K	-
R1165	SHORT 0	SHORT 0	-	-	SHORT 0

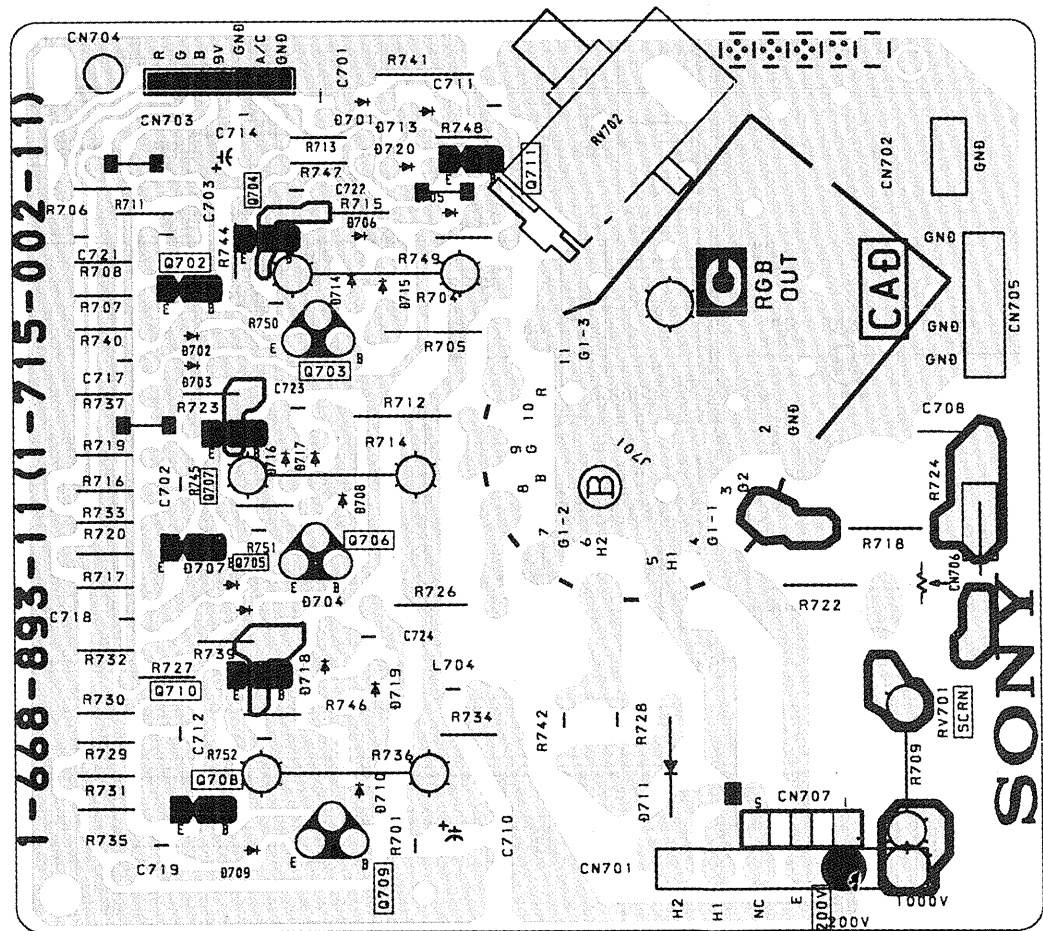
WAVEFORMS C BOARD



C

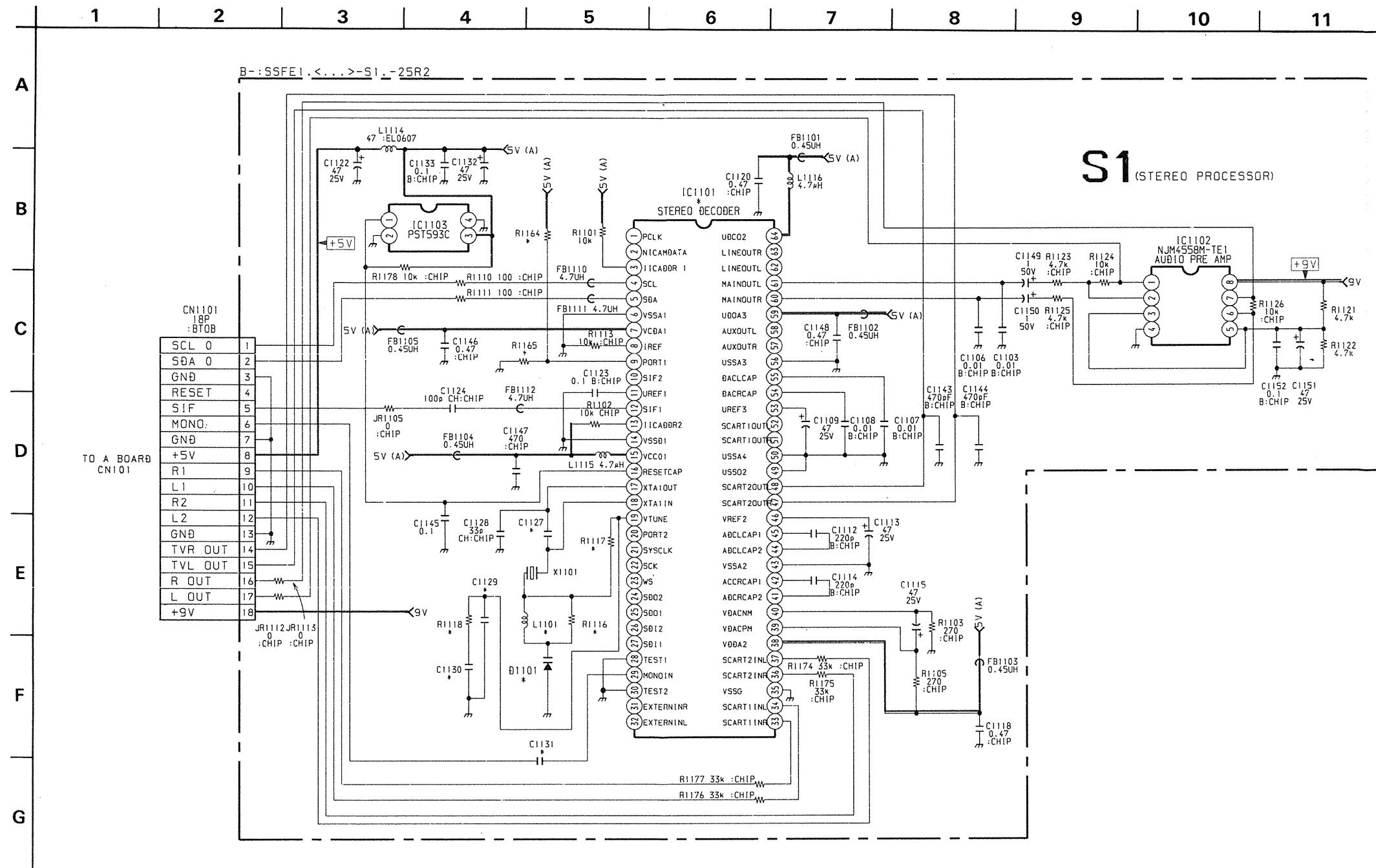
[R, G, B OUT]

C Board

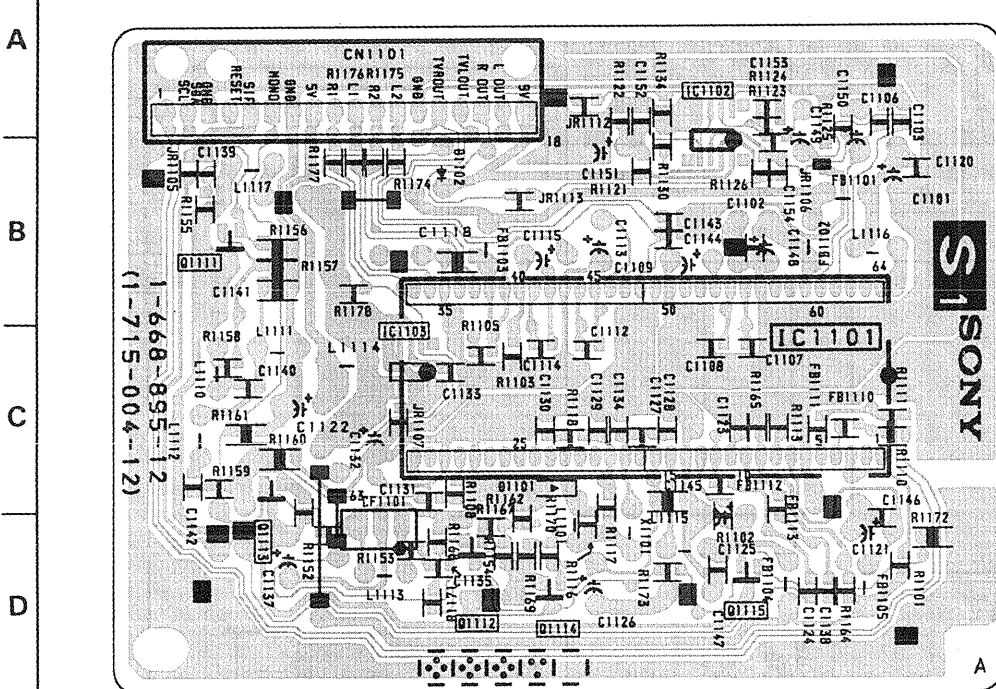


S1

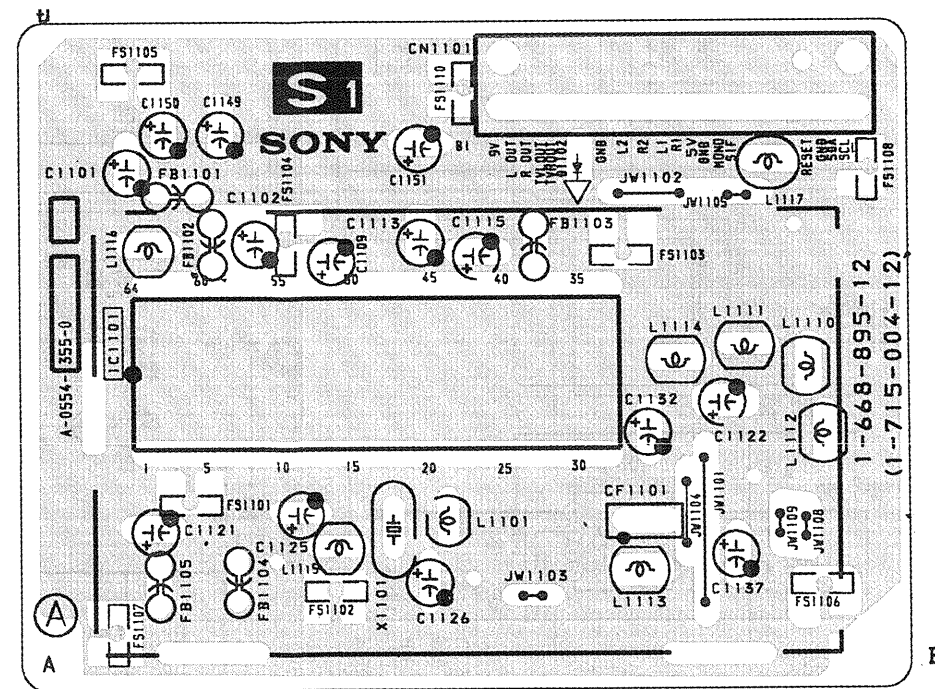
[STEREO PROCESSOR]



S1 Board < Conductor Side >

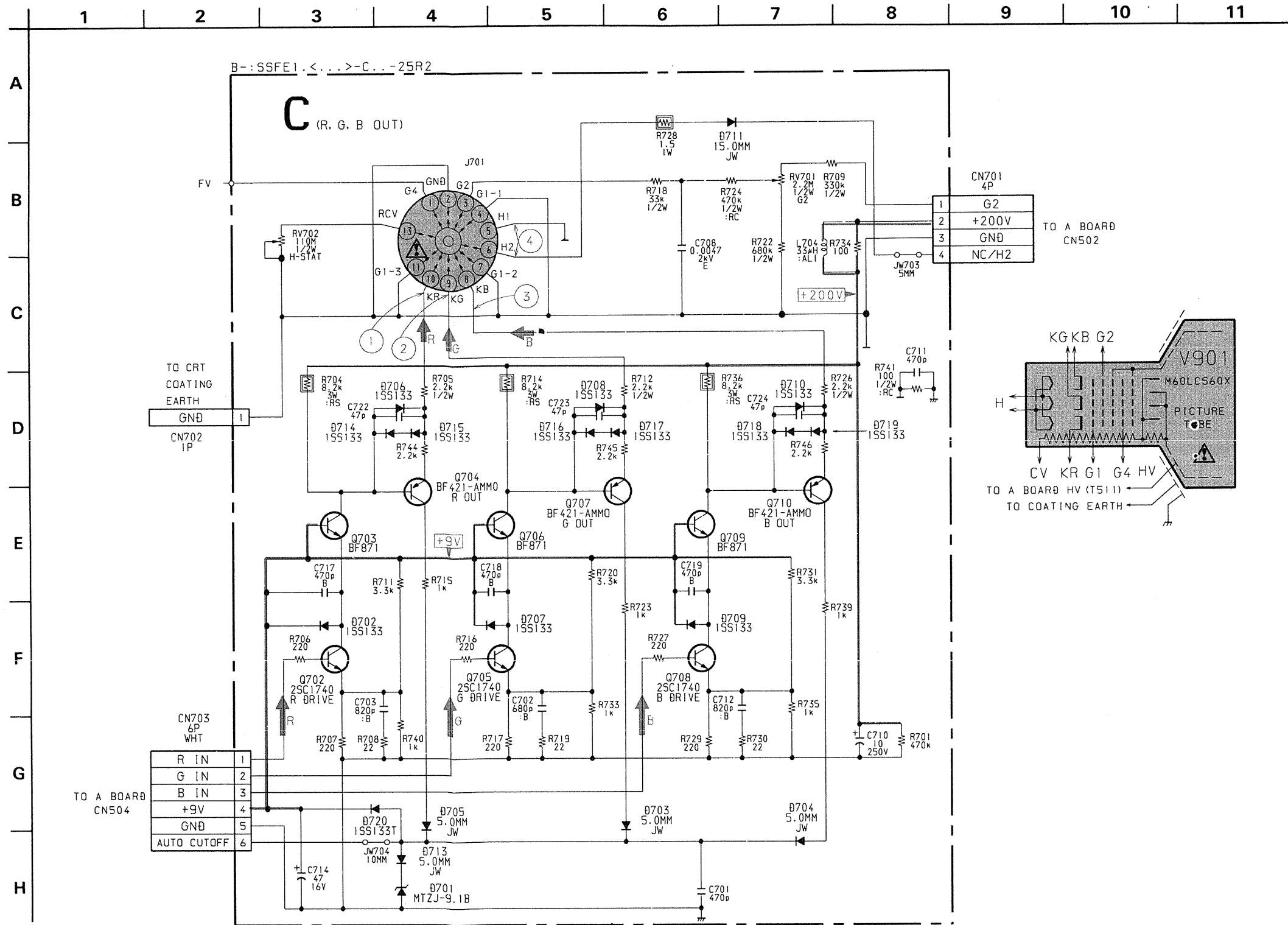


S1 Board < Component Side >

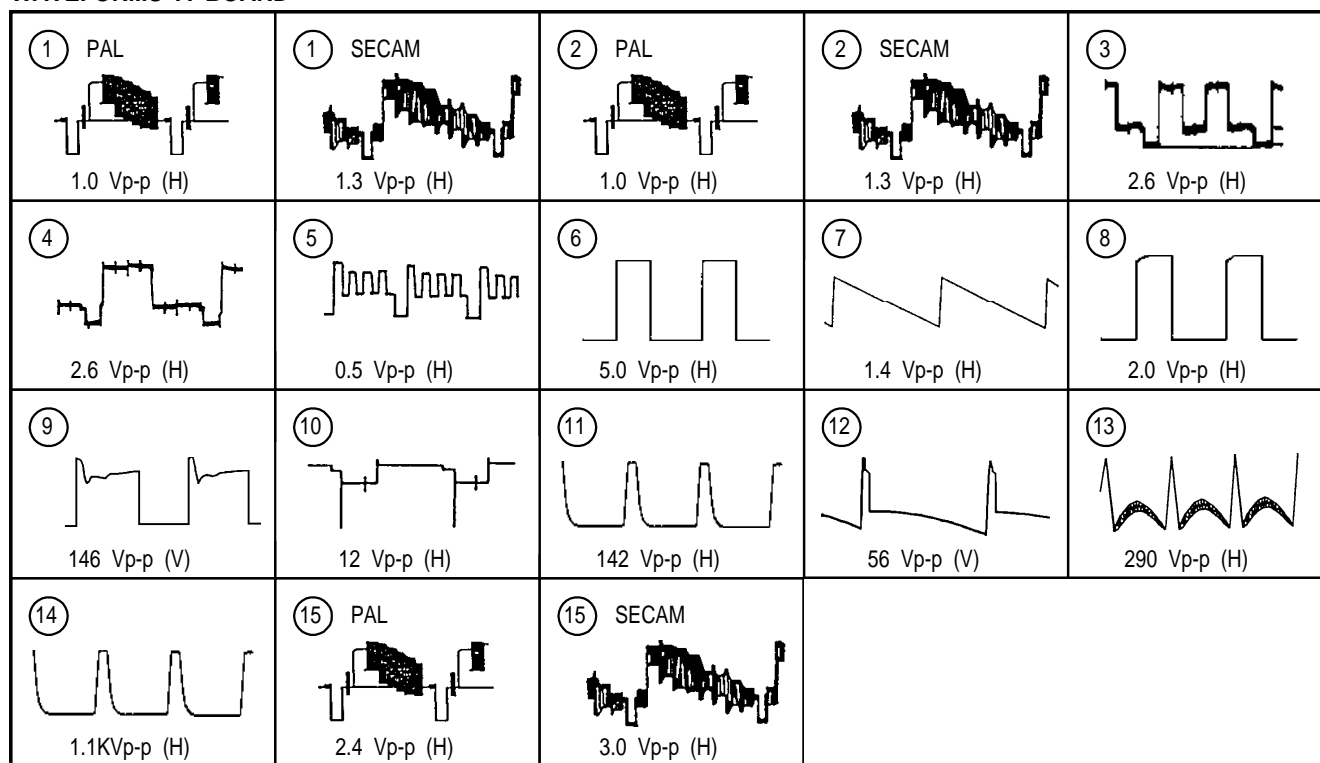


C BOARD TRANSISTOR VOLTAGE TABLE

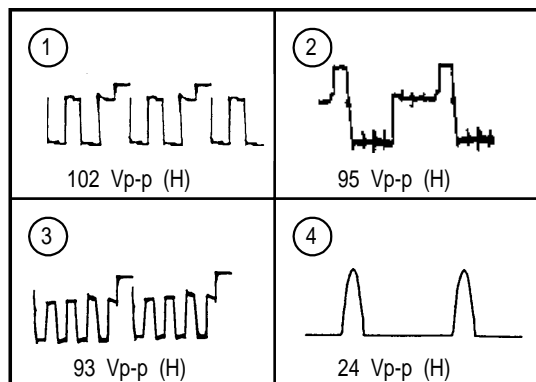
Transistor Voltage Table				
Ref No	(B) Base	(C) Collector	(E) Emitter	
Q702	1.5	8.3	1.1	
Q703	8.8	169.8	8.3	
Q704	169.5	1.9	209.5	
Q705	1.5	8.3	1.1	
Q706	8.8	170.7	8.3	
Q707	170.5	1.9	215.7	
Q708	1.5	8.3	1.0	
Q709	8.9	171.3	8.3	
Q710	171.2	1.9	206.3	



WAVEFORMS A BOARD

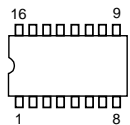


WAVEFORMS C BOARD



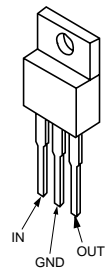
5-4 SEMICONDUCTORS

CD4052BCM

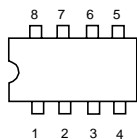


(TOP VIEW)

LM2940CT-9.0

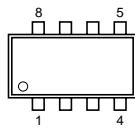


LM393N
TDA2822M
TEA2124



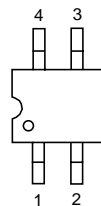
(TOP VIEW)

NJM4558M-TE2



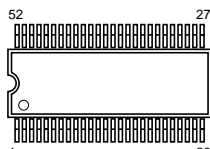
(TOP VIEW)

PST593C-MMP-4P



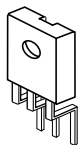
(TOP VIEW)

SAA5498PS/M1A/056
SAA5498PS/M1A/074
SAA5498PS/M1A/076

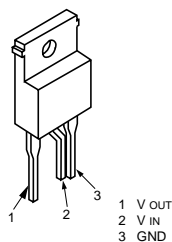


(TOP VIEW)

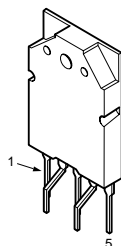
SBX1981-51



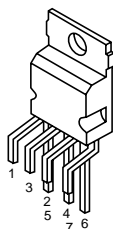
SE-135N
SE135N-LF12



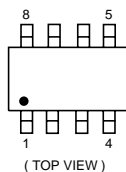
STR-F6654



STV9379

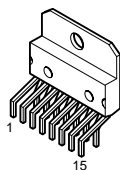


ST24W08FM6TR

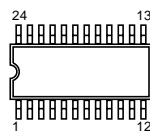


(TOP VIEW)

TDA7495

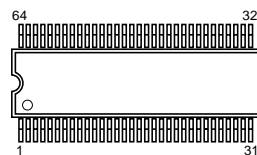


TDA9818-V1



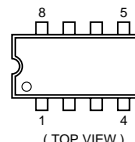
(TOP VIEW)

TDA9870



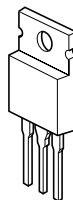
(TOP VIEW)

TOP209P

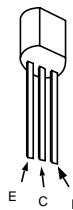


(TOP VIEW)

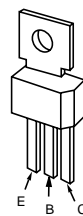
TYA7805CTV
TYA7809CTV



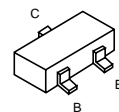
BF421-AMMO
2SA1091-O



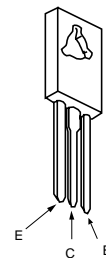
BF87-127



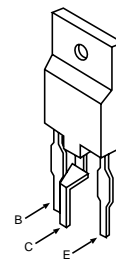
DTC114EK
DTC114EKA-T146
DTC144EKA-T-146R
2SA1037K-T-146-QR
2SC2412K-QR
2SC2412K-T-146-R



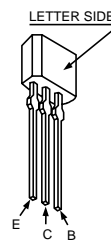
2SC688-LK



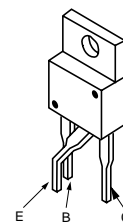
SD2539 (SONY)



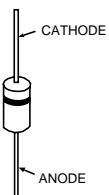
2SA933AS-QRT
2SA933AS-RT
2SC1740S-RT



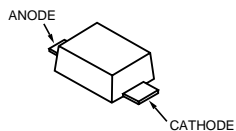
2SK2251-01-F19



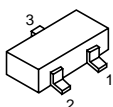
AK04-V1	GP08DPKG23
AU-01Z-V1	GP15GPKG23
DINL20-TR	LSB360HL
ERB44-06TP1	RB501V-40TE-T7
EG-1Z-V1	RG1CLF-B1
EL1Z	RGPO2-17EL-6433
ERD28-06S	RGP15GPKG23
ERC06-15S	RGP10GPKG23
FMN-G12S	RU-4AM-T3



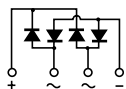
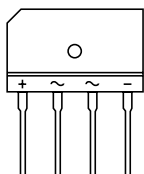
UF4005PKG23



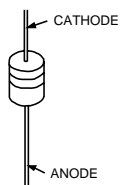
DAN202K
DAN202K-T146



D45B60L-F

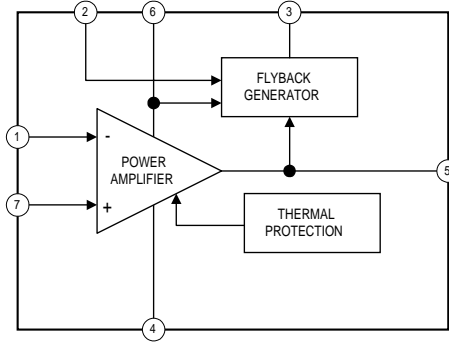


AK04WS	MTZJ-T-77-33A
ERC04-6SE	P6KE200AG23
MTZJ-T-77-4.7B	RD3.9ES-B2
MTZJ-T-77-3.9B	RD5.6ESB2
MTZJ-T-77-5.6B	RD6.8ES-B2
MTZJ-T-77-6.8A	RD9.1ES-B3
MTZJ-T-77-9.1B	RN3Z-LF014-302
MTZJ-T-77-12B	1SS119-25TD
MTZJ-T-77-22B	1SS133T-77

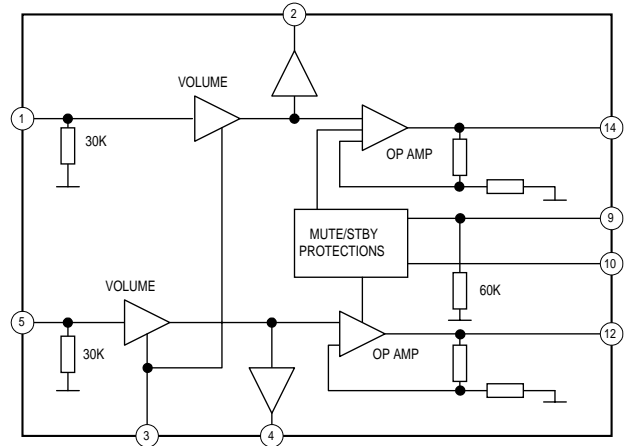


5-5. IC BLOCK DIAGRAMS

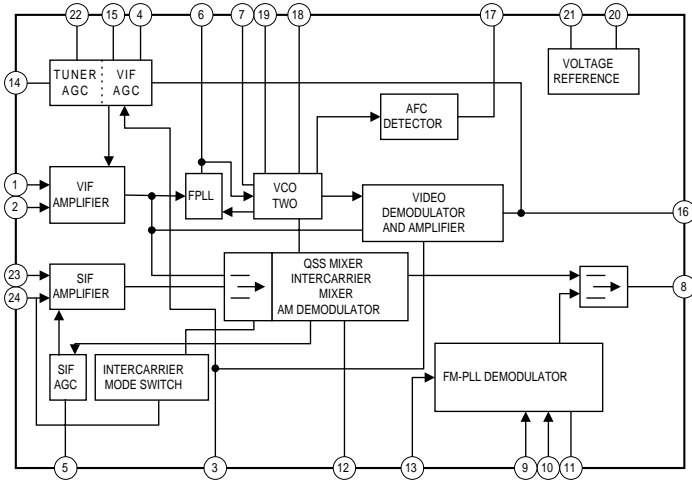
A BOARD IC501 STV 9379



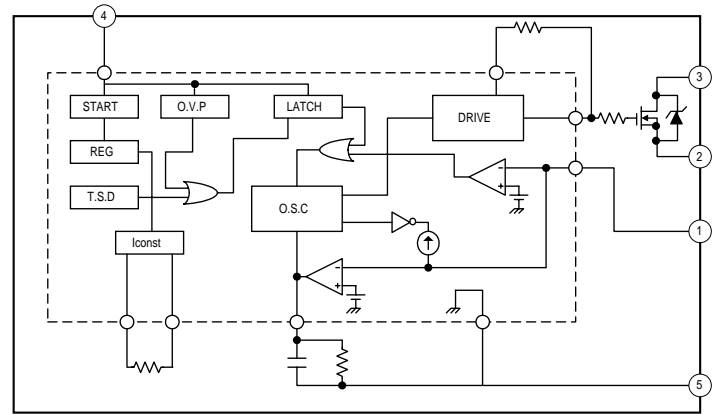
A BOARD IC201 TDA7495



A BOARD IC101 TDA9817/V1



A BOARD IC606 STR-F6654



A BOARD IC301 CXA2060AS

